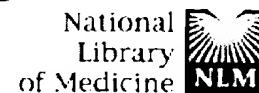


# WEST Search History

DATE: Monday, April 28, 2003

| <u>Set Name</u>                                      | <u>Query</u>                      | <u>Hit Count</u> | <u>Set Name</u> |
|--|-----------------------------------|------------------|-----------------|
| side by side   |                                   |                  | result set      |
| <i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i> |                                   |                  |                 |
| L25  | (Nara-P.IN.)                      | 1                | L25             |
| L24  | (DAPTA AND peptide)               | 1                | L24             |
| L23  | L22 AND neuronal loss             | 28               | L23             |
| L22  | L21 AND peptide                   | 2496             | L22             |
| L21  | gp120                             | 3250             | L21             |
| L20  | L19 AND neuronal loss             | 12               | L20             |
| L19  | (vasoactive intestinal peptide)   | 1095             | L19             |
| <i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>                |                                   |                  |                 |
| L18  | L17 AND neuronal loss             | 48               | L18             |
| L17  | L16 AND disease                   | 1049             | L17             |
| L16  | L13 AND neuron                    | 1139             | L16             |
| L15  | L13 AND Leu-Glu-Ser-Tyr-Thr       | 0                | L15             |
| L14  | L13 AND LESYT                     | 0                | L14             |
| L13  | ((514/2  514/4  514/12 )!.CCLS. ) | 8525             | L13             |
| L12  | L8 AND neuronal loss              | 8                | L12             |
| L11  | L8 AND Leu-Glu-Ser-Tyr-Thr        | 0                | L11             |
| L10  | L8 AND Leu-Glu-Ser-Tyr-Htr        | 0                | L10             |
| L9   | L8 AND LESYT                      | 0                | L9              |
| L8   | ((530/300 )!.CCLS. )              | 2557             | L8              |
| L7   | Ruff-Michael-R.IN.                | 8                | L7              |
| L6   | L5 AND Pert.IN.                   | 8                | L6              |
| L5   | Ruff AND Michael.IN.              | 128              | L5              |
| L4   | (Ruff-Michael.IN.)                | 0                | L4              |
| L3   | Pert.IN.                          | 20               | L3              |
| L2   | (Pert-Candance.IN.)               | 0                | L2              |
| <i>DB=USPT,PGPB; PLUR=YES; OP=OR</i>                 |                                   |                  |                 |
| L1   | (Pert-Candance.IN.)               | 0                | L1              |

END OF SEARCH HISTORY



|  |            |         |   |           |     |   |      |      |
|--|------------|---------|---|-----------|-----|---|------|------|
| PubMed   | Nucleotide | Protein | Genome                                      | Structure | PMC | Taxonomy  | OMIM | Brca |
| Search PubMed  |            |         | for vasoactive intestinal peptide AND gp120 |           |     |   |      |      |
| <input checked="" type="checkbox"/> Limits <input type="checkbox"/> Preview/Index <input type="checkbox"/> History |            |         |   |           |     | <input type="button" value="Go"/> <input type="button" value="Clear"/>          |      |      |
|  |            |         |   |           |     | <input type="button" value="Clipboard"/> <input type="button" value="Details"/> |      |      |

About Entrez

Text Version

Entrez PubMed  
Overview  
Help | FAQ  
Tutorial  
New/Noteworthy  
E-Utilities

PubMed Services  
Journals Database  
MeSH Database  
Single Citation Matcher  
Batch Citation Matcher  
Clinical Queries  
LinkOut  
Cubby

Related Resources  
Order Documents  
NLM Gateway  
TOXNET  
Consumer Health  
Clinical Alerts  
ClinicalTrials.gov  
PubMed Central

Privacy Policy

Limits: only items with abstracts, English

Display  Show:  Sort  Text

Items 1-19 of 19

1: Farr SA, Banks WA, Uezu K, Freed EO, Kumar VB, Morley JE.   Mechanisms of HIV type 1-induced cognitive impairment: evidence for hippocampal cholinergic involvement with overstimulation of the VIPergic system by the viral coat protein core. *AIDS Res Hum Retroviruses*. 2002 Nov 1;18(16):1189-95. PMID: 12487825 [PubMed - indexed for MEDLINE]

2: Brenneman DE, Hauser JM, Spong C, Phillips TM.   Chemokine release is associated with the protective action of PACAP-38 against HIV envelope protein neurotoxicity. *Neuropeptides*. 2002 Aug;36(4):271-80. PMID: 12372701 [PubMed - indexed for MEDLINE]

3: Branch DR, Valenta LJ, Yousefi S, Sakac D, Singla R, Bali M, Sahai BM, Ma XZ.   VPAC1 is a cellular neuroendocrine receptor expressed on T cells that actively facilitates productive HIV-1 infection. *AIDS*. 2002 Feb 15;16(3):309-19. PMID: 11834941 [PubMed - indexed for MEDLINE]

4: Brenneman DE, Hauser J, Spong CY, Phillips TM.   Chemokines released from astroglia by vasoactive intestinal peptide. Mechanism of neuroprotection from HIV envelope protein toxicity. *Ann N Y Acad Sci*. 2000;921:109-14. PMID: 11193813 [PubMed - indexed for MEDLINE]

5: Peruzzi M, Azzari C, Rossi ME, De Martino M, Vierucci A.   Inhibition of natural killer cell cytotoxicity and interferon gamma production by the envelope protein of HIV and prevention by vasoactive intestinal peptide. *AIDS Res Hum Retroviruses*. 2000 Jul 20;16(11):1067-73. PMID: 10933622 [PubMed - indexed for MEDLINE]

6: Brenneman DE, Hauser J, Spong CY, Phillips TM, Pert CB, Ruff M.   VIP and D-ala-peptide T-amide release chemokines which prevent HIV-1 GP120-induced neuronal death. *Brain Res*. 1999 Aug 14;838(1-2):27-36. PMID: 10446313 [PubMed - indexed for MEDLINE]

7: Brenneman DE, Glazner G, Hill JM, Hauser J, Davidson A, Gozes I.   VIP neurotrophism in the central nervous system: multiple effectors and identification of a femtomolar-acting neuroprotective peptide. *Ann N Y Acad Sci*. 1998 Dec 11;865:207-12. Review. PMID: 9928014 [PubMed - indexed for MEDLINE]

**8:** Kim J, Ruff M, Karwatowska-Prokopeczuk E, Hunt L, Ji H, Pert CB. [Related Articles](#). [Links](#)  
Zukowska-Grojec Z.

HIV envelope protein gp120 induces neuropeptide Y receptor-mediated proliferation of vascular smooth muscle cells: relevance to AIDS cardiovascular pathogenesis.  
*Regul Pept.* 1998 Sep 25;75-76:201-5  
PMID: 9802410 [PubMed - indexed for MEDLINE]

**9:** Andrianov AM [Related Articles](#). [Links](#)

Spatial structure model of the CD4 receptor-binding site of the HIV envelope protein gp120.  
*J Biomol Struct Dyn.* 1998 Jun;15(6):1101-13.  
PMID: 9669555 [PubMed - indexed for MEDLINE]

**10:** Dibbern DA Jr, Glazner GW, Gozes I, Brenneman DE, Hill JM. [Related Articles](#). [Links](#)

Inhibition of murine embryonic growth by human immunodeficiency virus envelope protein and its prevention by vasoactive intestinal peptide and activity-dependent neurotrophic factor.  
*J Clin Invest.* 1997 Jun 15;99(12):2837-41.  
PMID: 9185505 [PubMed - indexed for MEDLINE]

**11:** Brenneman DE, McCune SK, Mervis RF, Hill JM. [Related Articles](#). [Links](#)

gp120 as an etiologic agent for NeuroAIDS: neurotoxicity and model systems.  
*Adv Neuroimmunol.* 1994;4(3):157-65. Review.  
PMID: 7874383 [PubMed - indexed for MEDLINE]

**12:** Veljkovic V, Metlas R, Danilo V, Cavor L, Pejinovic N, Dujuc A, Zakhariev S, Guarnaccia C, Pongor S. [Related Articles](#). [Links](#)

Natural autoantibodies cross-react with a peptide derived from the second conserved region of HIV-1 envelope glycoprotein gp120.  
*Biochem Biophys Res Commun.* 1993 Nov 15;196(3):1019-24.  
PMID: 8250861 [PubMed - indexed for MEDLINE]

**13:** Hill JM, Mervis RF, Avidor R, Moody TW, Brenneman DE. [Related Articles](#). [Links](#)

HIV envelope protein-induced neuronal damage and retardation of behavioral development in rat neonates.  
*Brain Res.* 1993 Feb 19;603(2):222-33.  
PMID: 8461978 [PubMed - indexed for MEDLINE]

**14:** Veljkovic V, Metlas R, Raspopovic J, Pongor S. [Related Articles](#). [Links](#)

Spectral and sequence similarity between vasoactive intestinal peptide and the second conserved region of human immunodeficiency virus type 1 envelope glycoprotein (gp120): possible consequences on prevention and therapy of AIDS.  
*Biochem Biophys Res Commun.* 1992 Dec 15;189(2):705-10.  
PMID: 1472041 [PubMed - indexed for MEDLINE]

**15:** Glowa JR, Panlilio LV, Brenneman DE, Gozes I, Fridkin M, Hill JM. [Related Articles](#). [Links](#)

Learning impairment following intracerebral administration of the HIV envelope protein gp120 or a VIP antagonist.  
*Brain Res.* 1992 Jan 20;570(1-2):49-53.  
PMID: 1617429 [PubMed - indexed for MEDLINE]

**16:** Robberecht P, De Neef P, Gourlet P, Cauvin A, Coy DH, Christophe J. [Related Articles](#). [Links](#)

Pharmacological characterization of the novel helodermin/VIP receptor

 present in human SUP-T1 lymphoma cell membranes.  
Regul Pept. 1989 Sep-Oct;26(2):117-26.  
PMID: 2552509 [PubMed - indexed for MEDLINE]

 17: Brenneman DH, Westbrook GL, Fitzgerald SP, Ennist DL, Elkins KL, Ruff MR, Pert CB. [Related Articles](#) [Links](#)  
Neuronal cell killing by the envelope protein of HIV and its prevention by vasoactive intestinal peptide.  
Nature. 1988 Oct 13;335(6191):639-42.  
PMID: 2845276 [PubMed - indexed for MEDLINE]

 18: Pert CB, Smith CC, Ruff MR, Hill JM. [Related Articles](#) [Links](#)  
AIDS and its dementia as a neuropeptide disorder: role of VIP receptor blockade by human immunodeficiency virus envelope.  
Ann Neurol. 1988;23 Suppl:S71-3.  
PMID: 2831805 [PubMed - indexed for MEDLINE]

 19: Sacerdote P, Ruff MR, Pert CB. [Related Articles](#) [Links](#)  
Vasoactive intestinal peptide 1-12: a ligand for the CD4 (T4)/human immunodeficiency virus receptor.  
J Neurosci Res. 1987;18(1):102-7.  
PMID: 3682024 [PubMed - indexed for MEDLINE]

[Display](#) [Summary](#) [Show: 200](#) [Sort](#) [Send to](#) [Text](#)

Items 1-19 of 19

One page.

Write to the Help Desk  
NCBI | NLM | NIH  
Department of Health & Human Services  
Freedom of Information Act | Disclaimer

Apr 28 2013 11:53 AM

Connecting via Winsock to STN  
Welcome to STN International! Enter x:x

FILE 'HOME' ENTERED AT 15:13:07 ON 28 APR 2003

```
=> file CAPLUS
=> s gp120
L1          5010 GP120

=> S L1 AND peptide
    289708 PEPTIDE
    210004 PEPTIDES
    369560 PEPTIDE
                  (PEPTIDE OR PEPTIDES)
L2          1410 L1 AND PEPTIDE

=> S L2 AND neuron
    65216 NEURON
    115733 NEURONS
    135942 NEURON
                  (NEURON OR NEURONS)
L3          31 L2 AND NEURON
```

=> file MEDLINE

```
=> S gp120
L4      5483 GP120

=> S L4 AND peptide
    246835 PEPTIDE
    150593 PEPTIDES
    325835 PEPTIDE
                      (PEPTIDE OR PEPTIDES)
L5      1949 L4 AND PEPTIDE
```